

SEARCH REQUEST FORM

9-588

Requestor's Name: _____ Serial Number: _____
Date: _____ Phone: _____ Art Unit: _____

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

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Date completed: 9-22-98
Searcher: M. SPENCER
Terminal time: 4
Elapsed time: Aug 10
CPU time: _____
Total time: 14
Number of Searches: 1
Number of Databases: 6

Search Site
____ STIC
____ CM-1
____ Pre-S
Type of Search
____ N.A. Sequence
____ A.A. Sequence
____ Structure
____ Bibliographic

Vendors
____ 16 MPSRCH
____ STN
____ Dialog
____ APS
____ Geninfo
____ SDC
____ DARC/Questel
____ Other

WORLDWIDE
(TM)

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MSearch protein - protein database search, using Smith-Waterman algorithm
on: Fri Sep 18 13:44:55 1998; Maspar time 2.47 Seconds
Tabular output not generated. 537.274 Million cell updates/sec

Title: >US-08-765-588-6
Description: (1-186) from US08765588.pep
Sequence: 1 MSPILRLRLAALQLAPAQ.....COGRGLELNPDCRCRLRR 188

Scoring table: PAM 150
Gap 11

Searched: 77021 seqs, 7058996 residues

Post-processing: Minimum Match 08
Listing first 45 summaries

Database: a-issued
1:5-COMB 2:PC79-COMB 3:backfiles1.

Statistics: Mean 29.152; Variance 121.909; scale 0.239

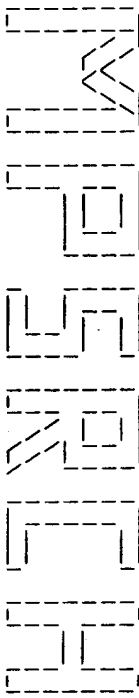
Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description	Pred. No.
1	1458	100.0	188	1	US-08-469-Sequence 11, Applicat	6.66e-135
2	1317	90.3	188	1	US-08-469-Sequence 5, Applicat	1.60e-130
3	1240	85.0	195	1	US-08-469-Sequence 7, Applicat	1.11e-112
4	897	61.5	133	1	US-08-469-Sequence 9, Applicat	6.75e-78
5	709	48.6	102	1	US-08-469-Sequence 2, Applicat	5.58e-59
6	517	35.5	165	3	5194596-18 Patent No. 5194596	7.46e-40
7	517	35.5	165	3	5219739-19 Patent No. 5219739	7.46e-40
8	518	35.5	191	3	5332671-4 Patent No. 5332671	5.94e-40
9	505	34.6	190	3	5332671-3 Patent No. 5332671	1.15e-38
10	492	33.7	164	3	5219739-18 Patent No. 5219739	2.20e-37
11	492	33.7	164	3	5194596-17 Patent No. 5194596	2.20e-37
12	492	33.7	164	3	5194596-17 Patent No. 5194596	2.20e-37
13	486	33.3	189	1	US-08-469-Sequence 15, Applicat	8.58e-37
14	400	27.4	55	1	US-08-469-Sequence 3, Applicat	2.32e-28
15	383	26.3	121	3	5194596-19 Patent No. 5194596	1.04e-26
16	383	26.3	121	3	5219739-20 Patent No. 5219739	1.04e-26
17	377	25.9	231	2	PCT-US96-0 Sequence 10, Applicat	1.22e-25
18	372	25.5	214	3	5240848-11 Patent No. 5240848	1.22e-25
19	372	25.5	214	3	5219739-22 Patent No. 5219739	1.22e-25
20	371	25.4	215	3	5240848-7 Patent No. 5240848	1.53e-25
21	361	24.8	120	3	5219739-9 Patent No. 5219739	1.42e-24
22	361	24.8	120	3	5194596-9 Patent No. 5194596	1.42e-24
23	296	20.3	149	1	US-08-469-Sequence 14, Applicat	2.48e-18

RESULT	ID	Sequence	ALIGNMENTS	PRT	188 AA.
XX	US-08-469-427A-11	Sequence 11, Application US/08469427A			
XX	xxxxxx	Sequence 11, Application US/08469427A			
CC	Sequence 11, Application US/08469427A	Sequence 11, Application US/08469427A			
CC	Patent No. 5607918	Patent No. 5607918			
CC	GENERAL INFORMATION:	GENERAL INFORMATION:			
CC	APPLICANT: Eriksson, Ulf	APPLICANT: Eriksson, Ulf			
CC	APPLICANT: Olofsson, Birgitta	APPLICANT: Olofsson, Birgitta			
CC	APPLICANT: Alltalo, Karl	APPLICANT: Alltalo, Karl			
CC	APPLICANT: Pajusola, Ratri	APPLICANT: Pajusola, Ratri			
CC	TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND	TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND			
CC	NUMBER OF SEQUENCES: 17	NUMBER OF SEQUENCES: 17			
CC	CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:			
CC	ADDRESSEE: Evenson, McKeown, Edwards & Lenahan	ADDRESSEE: Evenson, McKeown, Edwards & Lenahan			
CC	STREET: 1200 G Street, N.W., Suite 700	STREET: 1200 G Street, N.W., Suite 700			
CC	CITY: Washington	CITY: Washington			
CC	STATE: DC	STATE: DC			
CC	ZIP: 20005	ZIP: 20005			
CC	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:			
CC	MEDIUM TYPE: Floppy disk	MEDIUM TYPE: Floppy disk			
CC	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible			
CC	OPERATING SYSTEM: PC-DOS/MS-DOS	OPERATING SYSTEM: PC-DOS/MS-DOS			
CC	SOFTWARE: Patent Release #1.0, Version #1.25	SOFTWARE: Patent Release #1.0, Version #1.25			
CC	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:			
CC	APPLICATION NUMBER: US/08/469,427A	APPLICATION NUMBER: US/08/469,427A			
CC	FILING DATE: 06-JUN-1995	FILING DATE: 06-JUN-1995			
CC	CLASSIFICATION: 435	CLASSIFICATION: 435			
CC	PRIOR APPLICATION DATA:	PRIOR APPLICATION DATA:			
CC	APPLICATION NUMBER: US 08/397,651	APPLICATION NUMBER: US 08/397,651			
CC	FILING DATE: 01-MAR-1995	FILING DATE: 01-MAR-1995			
CC	ATTORNEY/AGENT INFORMATION:	ATTORNEY/AGENT INFORMATION:			
CC	NAME: Evans, Joseph D	NAME: Evans, Joseph D			
CC	REGISTRATION NUMBER: 26,269	REGISTRATION NUMBER: 26,269			
CC	REFERENCE/DOCKET NUMBER: 41979cp2	REFERENCE/DOCKET NUMBER: 41979cp2			
CC	TELECOMMUNICATION INFORMATION:	TELECOMMUNICATION INFORMATION:			
CC	TELEPHONE: (202) 628-8800	TELEPHONE: (202) 628-8800			
CC	TELEFAX: (202) 628-8844	TELEFAX: (202) 628-8844			
CC	INFORMATION FOR SEQ ID NO: 11:	INFORMATION FOR SEQ ID NO: 11:			
CC	SEQUENCE CHARACTERISTICS:	SEQUENCE CHARACTERISTICS:			
CC	LENGTH: 188 amino acids	LENGTH: 188 amino acids			

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MPSEARCH n.a. - n.a. database search, using Smith-Waterman algorithm

on: Fri Dec 11 06:42:18 1998; Maspar time 43.51 seconds
1172.855 Million cell updates/sec

Abular output not generated.

Title: >US-08-765-588-3
Description: (1-1094) From US08/765588.seq
Perfect Score: 1094
N.A. Sequence: 1 ccatagcgcctcgtcgcgc.....gaagagaaaaa 1094
Comp: ggtactcggagagcagcgcg.....cttccttttttttttt

Scoring table: TABLE default
Gap 6

Mmatch STD: Dbase 0; Query 0

Searched: 88822 seqs, 23323279 bases x 2

Post-Processing: Minimum Match 08
Listing first 45 summaries

Database: n-issued
1:5_COMB 2:PCT9_COMB 3:backfiles1

Statistics: Mean 8.813; Variance 5.776; scale 1.526

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description	Pred. No.
1	412	37.7	570	1	US-08-469-	Sequence 10, Applicati	7.79e-243
2	320	29.3	565	1	US-08-469-	Sequence 8, Applicatio	3.12e-183
3	302	27.6	405	1	US-08-469-	Sequence 4, Applicatio	1.29e-171
4	241	22.0	886	1	US-08-469-	Sequence 1, Applicatio	2.08e-132
5	222	20.3	591	1	US-08-469-	Sequence 6, Applicatio	5.56e-120
6	67	6.1	7218	1	US-08-233-	Sequence 14, Applicati	5.56e-24
7	52	4.8	7218	1	US-08-233-	Sequence 14, Applicati	2.15e-15
8	48	4.4	456	1	PCT-US95-1	Sequence 88, Applicati	3.61e-13
9	48	4.4	467	2	PCT-US95-1	Sequence 86, Applicati	3.61e-13
10	48	4.4	473	2	PCT-US95-1	Sequence 25, Applicati	3.61e-13
11	48	4.4	498	3	5194596-20	Patent No. 5194596	3.61e-13
12	48	4.4	599	2	PCT-US95-1	Sequence 89, Applicati	3.61e-13
13	48	4.4	599	2	PCT-US95-1	Sequence 89, Applicati	3.61e-13
14	48	4.4	605	2	PCT-US95-1	Sequence 26, Applicati	3.61e-13
15	48	4.4	989	3	5332671-11	Patent No. 5332671	3.61e-13
16	48	4.4	1167	2	PCT-US95-1	Sequence 57, Applicati	3.61e-13
17	48	4.4	1195	3	5240848-6	Patent No. 5240848	3.61e-13
18	48	4.4	1212	2	PCT-US95-1	Sequence 31, Applicati	3.61e-13
19	48	4.4	1269	2	PCT-US95-1	Sequence 32, Applicati	3.61e-13
20	48	4.4	1299	2	PCT-US95-1	Sequence 58, Applicati	3.61e-13

21	48	4.4	1369	2	PCT-US95-1	Sequence 33, Applicati	3.61e-13
22	48	4.4	1557	2	PCT-US95-1	Sequence 78, Applicati	3.61e-13
23	48	4.4	1809	2	PCT-US95-1	Sequence 27, Applicati	1.28e-12
24	47	4.3	677	2	PCT-US95-1	Sequence 28, Applicati	1.28e-12
25	47	4.3	728	2	PCT-US95-1	Sequence 28, Applicati	1.28e-12
26	46	4.2	498	3	5219739-21	Patent No. 5219739	4.33e-12
27	44	4.0	197	2	PCT-US95-1	Sequence 18, Applicati	5.56e-11
28	44	4.0	886	3	5219739-23	Patent No. 5219739	5.56e-11
29	42	3.8	789	3	5219739-8	Patent No. 5219739	6.67e-10
30	42	3.8	790	3	5194596-8	Patent No. 5194596	6.67e-10
31	42	3.8	961	3	5219739-16	Patent No. 5219739	6.67e-10
32	42	3.8	1543	3	5332671-5	Patent No. 5332671	6.67e-10
33	38	3.5	215	1	US-08-238-	Sequence 5, Applicatio	8.79e-08
34	38	3.5	215	1	US-08-238-	Sequence 5, Applicatio	8.79e-08
35	38	3.5	961	3	5194596-16	Patent No. 5194596	8.79e-08
36	28	2.6	5775	2	PCT-US93-0	Sequence 29, Applicati	9.16e-03
37	27	2.5	242	1	US-08-273-	Sequence 1, Applicatio	2.72e-02
38	26	2.4	2504	1	US-08-484-	Sequence 15, Applicati	7.93e-02
39	26	2.4	2504	1	US-08-484-	Sequence 15, Applicati	7.93e-02
40	26	2.4	5011	1	US-08-141-	Sequence 1, Applicatio	7.93e-02
41	25	2.3	6513	2	PCT-US95-1	Sequence 7, Applicatio	2.28e-01
42	25	2.3	6513	2	PCT-US95-1	Sequence 7, Applicatio	2.28e-01
43	25	2.3	6513	1	US-08-337-	Sequence 7, Applicatio	2.28e-01
44	25	2.3	6513	1	US-08-724-	Sequence 7, Applicatio	2.28e-01
45	25	2.3	8438	1	US-07-945-	Sequence 1, Applicatio	2.28e-01

ALIGNMENTS

RESULT 1
ID US-08-469-427A-10 STANDARD; DNA; UNC; 570 BP.
AC DE
Sequence 10, Application US/08469427A
Sequence 10, Application US/08469427A
Patent No. 5607918
GENERAL INFORMATION:
APPLICANT: Eriksson, Ulf
APPLICANT: Olofsson, Birgitta
APPLICANT: Altair, Karl
APPLICANT: Pajusola, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
STATE: DC
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,427A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Joseph D.
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 41979CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 570 base pairs
TYPE: nucleic acid

